

Florida State Parks

System Features:

- Customer Login: Customers will be able to create an account and login to purchase passes for any state park in Florida. They will also be able to view their current and expired passes.
- Park Ranger Admin Role: Inherits the abilities of a customer and allows administrators to add and edit new parks

Pages:

Login page will include:

- Field for entering username and password.
- “Not a member? Register here” link for new members.
- Protection against SQL injections, CSRF protection, password hashing, and more, manually done since we will be using flask
- All types of users login at this one page, members with higher roles (park rangers for example) will be granted their privileges upon a successful login.
- Potentially a “Forgot username/password” link for account recovery

The Dashboard/index page:

- Link/button on the left that leads the user to the catalog page
- Link/button on the right that leads the user to their owned passes
- Display basic customer information on the top via a banner, with a link that leads users to an edit information page
- If an admin, bottom left and bottom right buttons for Add park page, and edit park page

The catalog page:

- On the top there will be a banner with a series of filters that the user can use, with a button on the right that applies the filter

- Below the banner, there is a scrollable window that gets filled with the parks (from a template) that fit the filter's requirements, if any. In the template, there will be a picture of the park on the left, with a brief description of the park and/or a link to a site with information about the park. On the bottom right of the template will be a link/button that opens a purchase popup
 - Purchase popup:
 - On the top left and "back" button that cancels the transaction
 - List of purchase options (1 day, 7 day, month, annual)
 - A spot for a user-provided date that marks the start of the pass's validity
 - Bottom left contains the price of the pass (determined by the park and the length of the pass)
 - Bottom right "purchase" in which the user pays for the product, on a success it is then stored and the user is told of the success, on a fail it reports an error and allows the user to try again or go back

Edit information page:

- A layout of fields allowing the user to update information

Owned passes page:

- A copy of the layout from the catalog page, with similar functionality. However, the template that gets displayed will be different in the following ways: The new template will have the park name, the start/expiration date, date purchased, cost

Add park page:

- A layout of fields for a ranger to fill out, and then a button to publish the park

Edit park page:

- A layout of fields (pre filled out from the add page) where a park ranger can edit information, or delete the park.